

ABSTRACT OF THE DISCLOSURE

A test support process and a test support program for producing a post-update test pattern when a program under test is updated. When a program under development is updated, a post-update operation description defining details of an operation of a function included in the program under development after the update is acquired. Next, a pre-update operation description having high commonality with the post-update operation description is selected from among pre-update operation descriptions defining details of operations of functions included in the program under development before the update. A pre-update test pattern for an operational test of the selected pre-update operation description is extracted from among pre-update test patterns prepared for operational tests of the program under development before the update. A post-update test pattern for an operational test of the post-update operation description is generated by inheriting at least a portion of the extracted pre-update test pattern.